Abstract of the Disclosure

The present invention provides an automated retransmission request-based system wherein packets are continuously transmitted from a transmitter to a receiver. During reception, the receiver will send either an acknowledgement (ACK) or a negative-acknowledgement (NAK) to the transmitter, depending on whether or not the corresponding packet was properly received. In response to the NAKs, the transmitter will identify the packet that was not properly received, which is referred to as the packet for retransmission. The transmitter will divide the packet for retransmission into multiple subpackets, and puncture each subpacket into a packet in the sequence of packets being transmitted to the receiver. The receiver will recover the subpackets from the punctured packets and will recreate the packet for retransmission from the recovered subpackets.